

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1048349

Luminaire Tested: **GALN-SA2A-730-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048349
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-730-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7204.9 lumens
Efficiency: N/A
Efficacy: 129.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 55.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

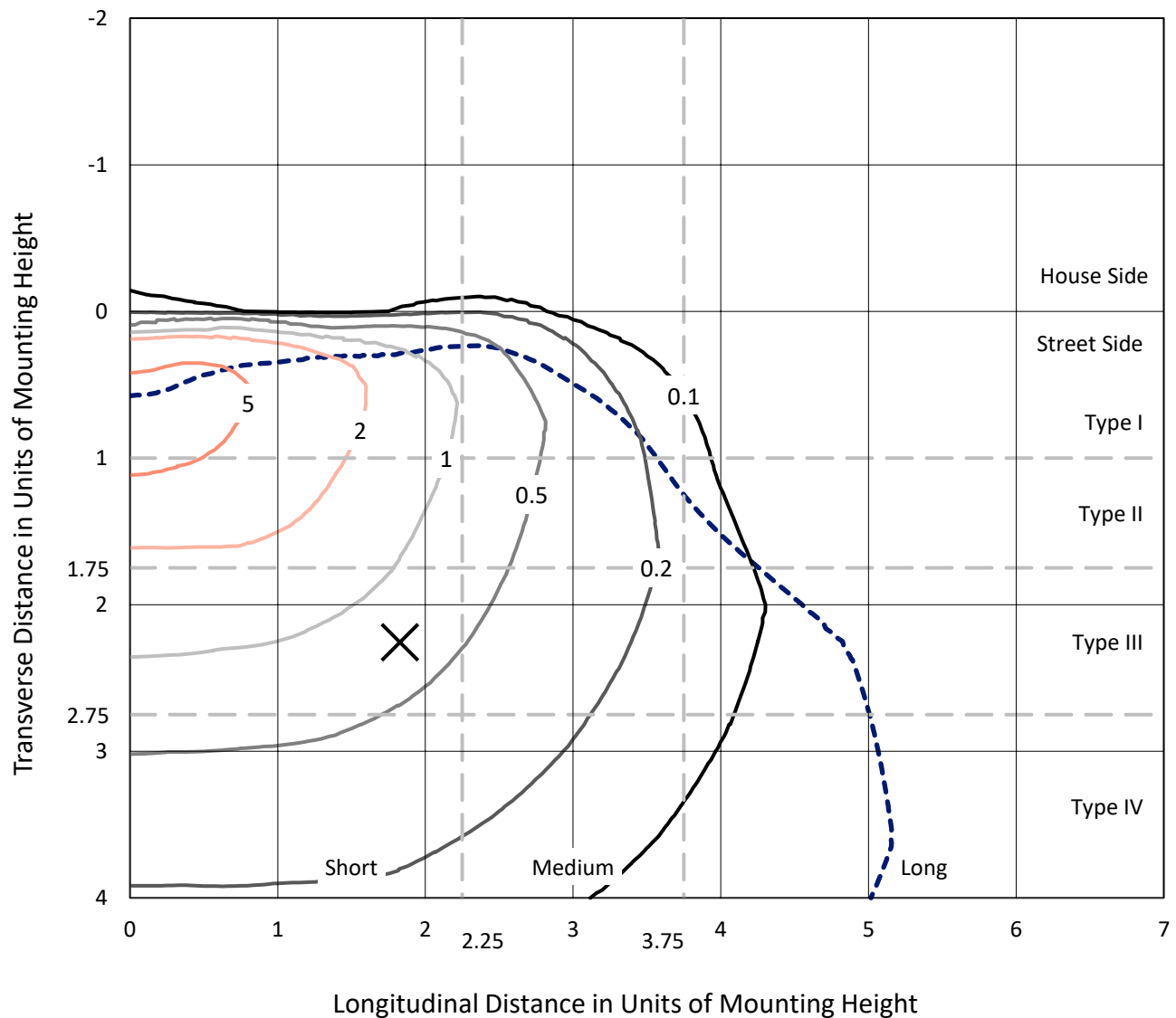


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

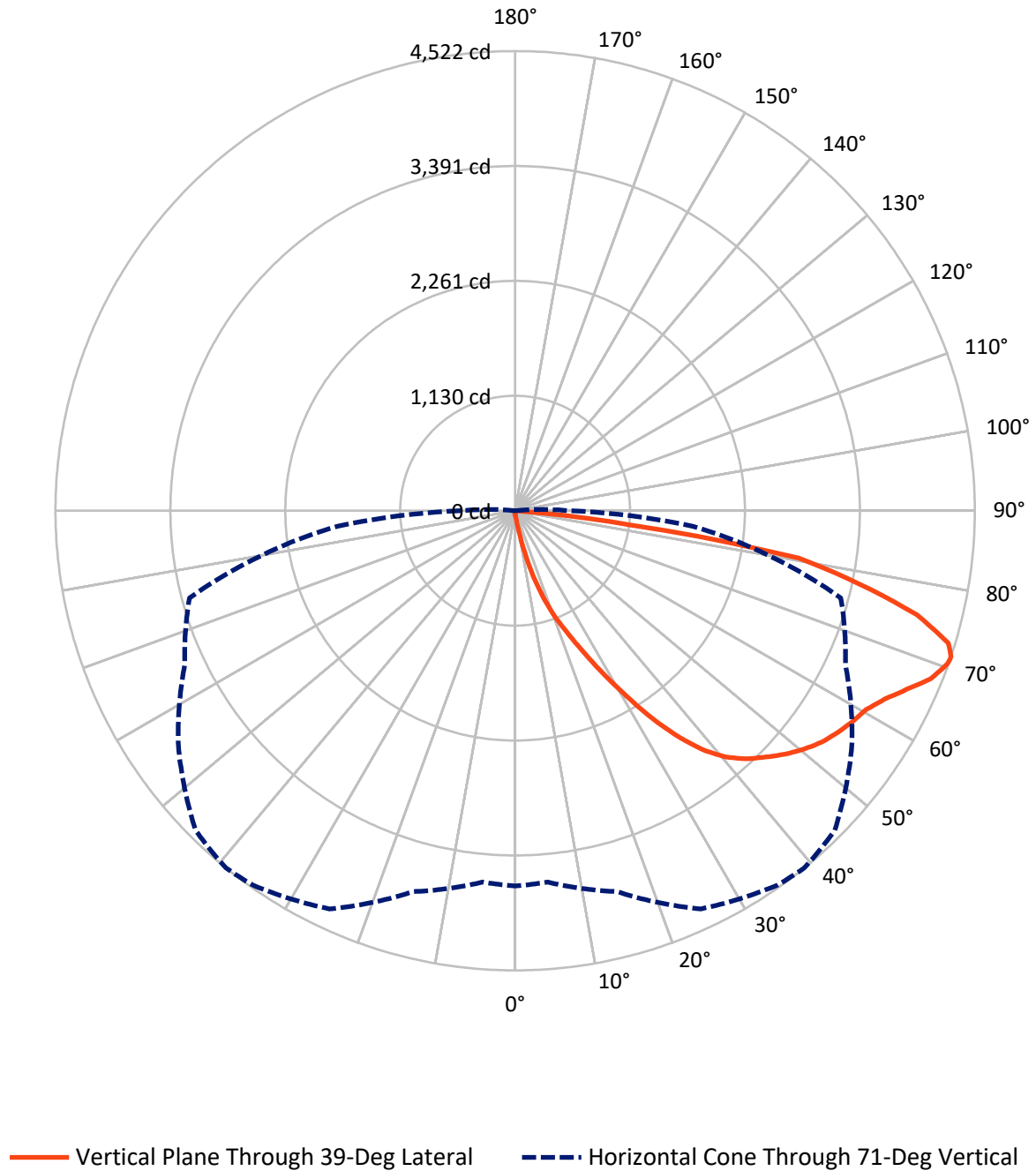


Based on 15 foot mounting height. Maximum calculated value = 7.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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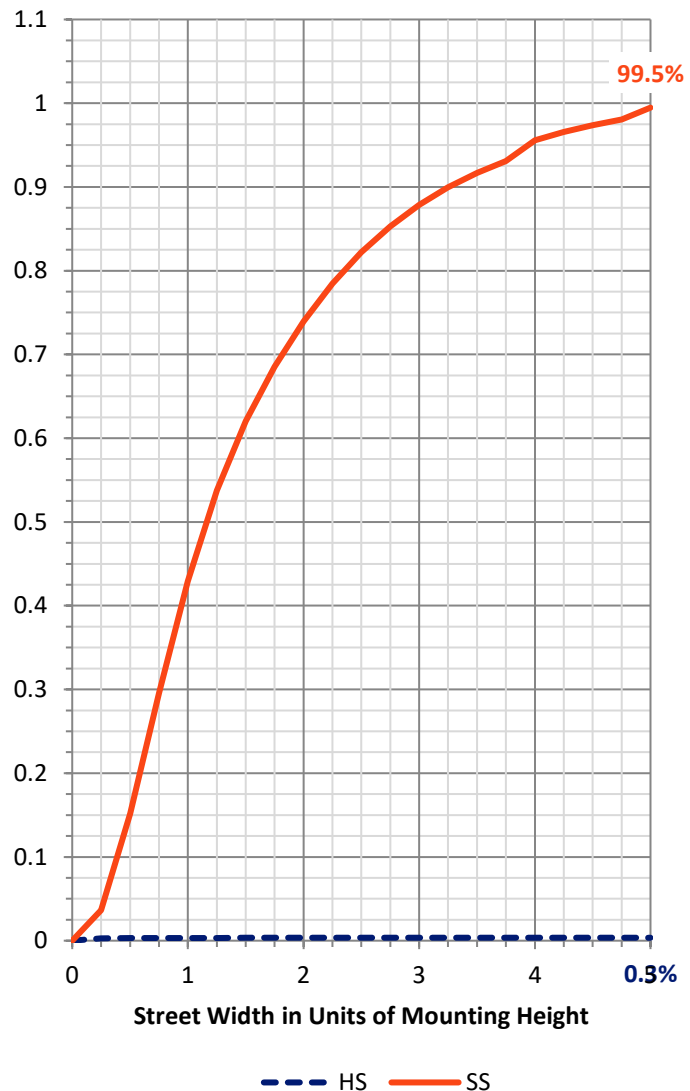
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	25.6	0.0	25.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	7179.3	0.0	7179.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	7204.9	0.0	7204.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.0	0.1
10°-20°	77.0	1.1
20°-30°	274.2	3.8
30°-40°	660.9	9.2
40°-50°	1106.1	15.4
50°-60°	1420.7	19.7
60°-70°	1797.9	25.0
70°-80°	1602.9	22.2
80°-90°	259.1	3.6
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	7204.9	100.0
0°-180°	7204.9	100.0



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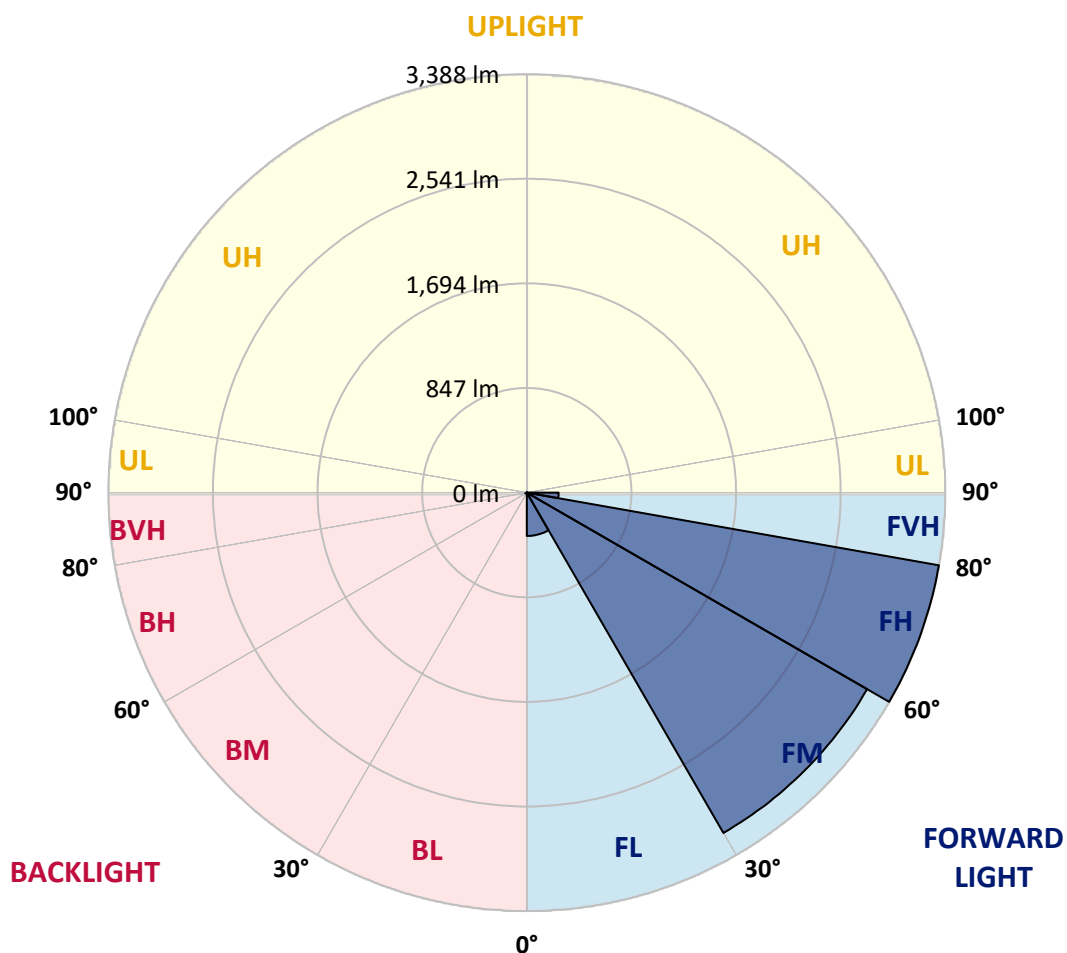
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	351.1	4.9			
FM	(30°-60°)	3181.8	44.2			
FH	(60°-80°)	3388.5	47.0			G2/5000
FVH	(80°-90°)	257.9	3.6			G3/500
BL	(0°-30°)	6.2	0.1	B0/110		
BM	(30°-60°)	5.9	0.1	B0/220		
BH	(60°-80°)	12.3	0.2	B0/110		G0/110
BVH	(80°-90°)	1.2	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
2.5°	45.4	45.4	45.4	43.9	43.9	43.4	42.9	42.9	41.9	41.5	40.5
5°	68.8	67.3	63.9	61.9	58.0	55.6	53.2	49.7	46.3	43.9	41.0
7.5°	155.6	159.0	147.8	126.8	105.3	96.1	80.5	64.9	53.7	46.3	41.5
10°	396.5	394.6	356.5	314.6	242.9	214.1	167.8	105.8	69.3	50.7	41.9
12.5°	674.5	672.6	627.7	570.6	476.0	416.0	328.2	197.5	99.5	57.6	41.9
15°	908.2	900.4	886.2	829.6	718.9	668.7	552.6	349.2	161.0	69.3	42.9
17.5°	1062.8	1055.9	1042.8	1022.3	952.1	892.5	799.4	548.7	260.4	89.7	44.9
20°	1204.7	1199.8	1189.1	1185.2	1139.8	1108.1	1031.1	777.9	405.8	121.9	47.8
22.5°	1399.8	1389.5	1393.9	1370.5	1326.1	1288.1	1240.8	1017.9	583.3	175.6	53.2
25°	1638.8	1633.9	1621.7	1605.1	1543.7	1510.5	1437.8	1244.2	781.8	245.8	59.0
27.5°	1927.5	1922.1	1919.2	1881.2	1810.5	1774.4	1672.9	1457.8	1005.2	344.3	66.8
30°	2260.1	2262.6	2243.6	2194.8	2112.4	2061.6	1957.3	1681.7	1234.0	459.9	75.1
32.5°	2604.5	2599.6	2570.3	2512.8	2439.1	2391.8	2259.2	1927.0	1473.9	612.6	84.9
35°	2975.6	2966.4	2889.3	2823.5	2760.6	2701.1	2580.1	2211.9	1713.9	783.8	98.0
37.5°	3350.2	3306.8	3152.2	3068.8	3025.4	2976.6	2864.0	2515.7	1952.4	975.0	114.1
40°	3633.1	3599.5	3416.1	3262.4	3227.8	3186.3	3102.5	2778.1	2206.0	1180.3	133.6
42.5°	3789.7	3771.1	3606.3	3454.6	3373.1	3336.6	3264.9	3007.4	2456.7	1407.1	161.9
45°	3856.5	3827.7	3717.5	3646.8	3517.0	3456.6	3371.2	3180.5	2718.6	1664.6	201.4
47.5°	3836.0	3819.4	3740.4	3766.3	3672.1	3578.0	3452.6	3313.2	2942.5	1960.2	255.6
50°	3707.2	3693.1	3668.7	3808.7	3797.0	3685.8	3558.0	3418.0	3125.4	2265.0	339.5
52.5°	3462.4	3456.6	3519.0	3775.5	3867.7	3780.9	3659.4	3510.7	3296.1	2583.5	459.4
55°	3146.8	3170.7	3349.3	3723.8	3903.8	3851.1	3749.2	3597.5	3433.1	2868.3	636.5
57.5°	3017.1	3023.4	3246.3	3687.2	3919.9	3913.1	3836.5	3680.4	3559.0	3096.1	906.7
60°	3168.8	3159.0	3276.6	3715.0	3952.1	3968.7	3914.0	3757.5	3668.2	3291.7	1266.6
62.5°	3442.9	3437.5	3475.1	3833.6	4046.2	4079.9	4021.8	3813.1	3764.8	3420.5	1677.3
65°	3687.7	3676.5	3746.3	4043.8	4211.6	4235.5	4184.7	3908.2	3807.2	3514.1	2063.1
67.5°	3793.6	3791.1	3903.3	4243.8	4385.2	4411.0	4366.7	4039.4	3797.5	3543.9	2233.3
70°	3745.3	3736.0	3915.5	4328.6	4483.2	4512.5	4469.6	4088.2	3691.6	3449.7	1981.2
71°	3692.1	3667.3	3878.9	4322.8	4496.9	4521.8	4446.6	4043.8	3585.3	3316.1	1752.4
72.5°	3527.3	3531.7	3778.5	4261.8	4464.2	4456.9	4316.9	3884.8	3457.0	3012.7	1407.6
75°	3121.5	3147.3	3453.1	4005.7	4172.5	4079.4	3865.3	3580.9	3199.5	2160.2	977.4
77.5°	2550.8	2589.4	2925.4	3513.1	3465.8	3456.6	3447.8	3155.1	2732.3	1160.3	679.9
80°	1217.9	1301.3	1764.6	2507.9	2724.5	2829.3	2763.5	2542.5	2112.9	552.6	406.3
82.5°	79.5	78.5	111.2	210.7	888.2	1148.1	1824.1	1817.3	1472.9	269.2	165.8
85°	37.6	38.5	42.4	48.3	56.1	61.5	84.9	497.5	704.8	128.3	36.1
87.5°	21.9	22.4	26.3	33.7	43.9	48.8	58.0	74.6	91.7	70.7	7.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA2A-730-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
2.5°	40.0	39.5	38.0	36.6	35.1	34.1	33.7	34.1	34.1	34.6	34.6
5°	40.0	38.5	36.1	33.2	31.2	29.3	28.3	27.8	28.3	28.3	28.3
7.5°	39.5	37.1	33.7	30.2	27.8	25.4	24.4	23.9	23.9	24.4	24.4
10°	38.5	36.1	31.7	27.8	24.9	21.9	20.5	19.0	19.0	19.0	19.5
12.5°	38.0	34.6	29.3	25.4	21.5	18.0	15.1	13.7	14.1	14.1	14.1
15°	37.1	33.2	27.8	22.9	18.0	13.7	11.2	9.8	10.2	10.7	10.2
17.5°	37.1	32.7	25.8	20.0	14.1	10.2	8.3	7.3	7.3	7.8	7.8
20°	37.1	31.7	24.4	17.1	10.7	7.8	5.9	5.4	5.4	6.3	6.8
22.5°	38.0	31.7	22.4	14.1	8.8	5.9	4.4	3.9	4.4	5.4	5.9
25°	39.5	31.2	20.5	12.7	7.3	4.4	3.4	2.4	2.9	3.9	4.4
27.5°	41.0	30.7	18.5	11.2	5.9	3.4	2.4	2.0	1.5	2.0	2.0
30°	42.4	30.7	16.6	9.3	4.9	2.4	1.5	1.0	0.5	0.0	0.0
32.5°	43.4	29.8	15.1	7.3	3.9	2.0	1.0	0.5	0.0	0.0	0.0
35°	44.4	28.8	13.2	5.9	2.9	1.5	0.5	0.0	0.0	0.0	0.0
37.5°	45.4	27.3	11.2	4.9	2.4	1.0	0.0	0.0	0.0	0.0	0.0
40°	46.3	25.4	9.3	4.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	47.3	23.9	7.8	3.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	49.7	22.9	6.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	54.1	21.9	5.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	60.5	21.0	5.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	69.3	20.5	4.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	84.9	20.0	4.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	111.7	19.5	4.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	171.2	18.5	4.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	305.8	18.0	3.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	533.1	18.5	3.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	764.3	19.5	3.4	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	654.0	17.1	3.4	2.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0
71°	533.1	15.1	3.4	2.0	1.0	0.5	0.5	0.0	0.0	0.0	0.0
72.5°	342.9	11.7	2.9	2.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0
75°	144.9	9.8	2.9	2.0	1.5	1.0	1.0	0.5	0.0	0.0	0.0
77.5°	61.9	7.3	2.9	2.4	2.0	1.5	1.5	1.0	0.5	0.0	0.0
80°	23.4	5.9	3.4	2.9	2.4	2.4	2.0	1.0	0.5	0.0	0.0
82.5°	10.7	4.9	3.4	2.9	2.9	2.4	2.0	1.5	1.0	0.0	0.0
85°	6.8	4.4	3.4	2.9	2.9	2.4	2.4	1.5	1.0	0.0	0.0
87.5°	5.4	4.4	3.4	3.4	2.9	2.9	2.0	1.5	0.5	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

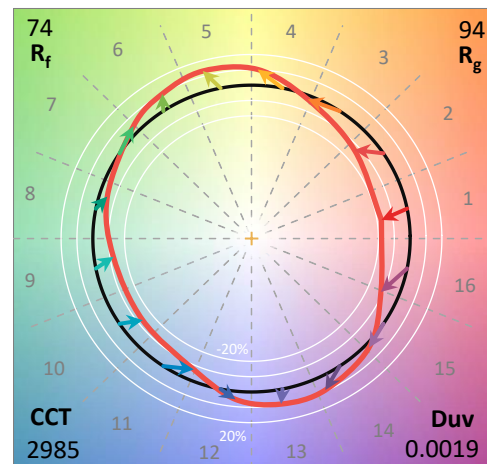
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

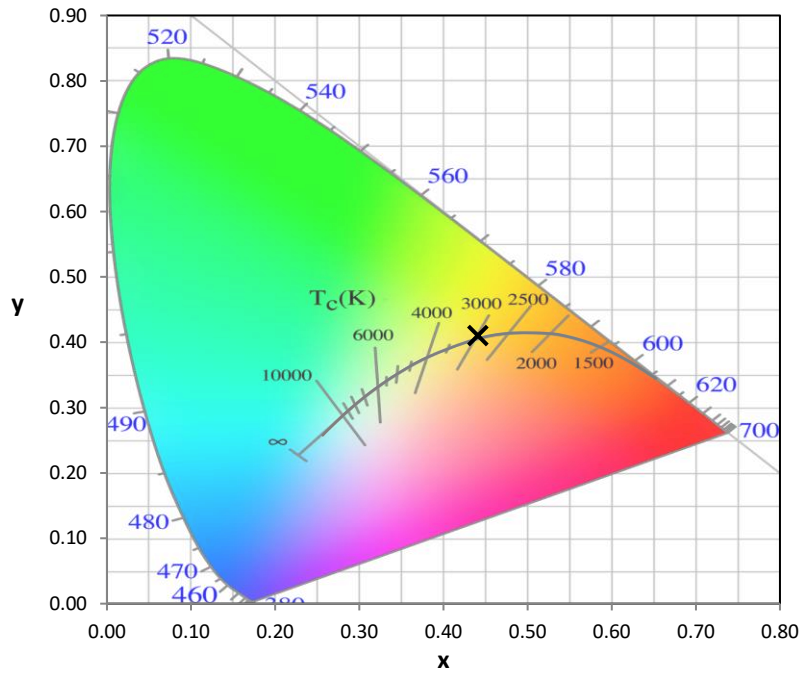
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

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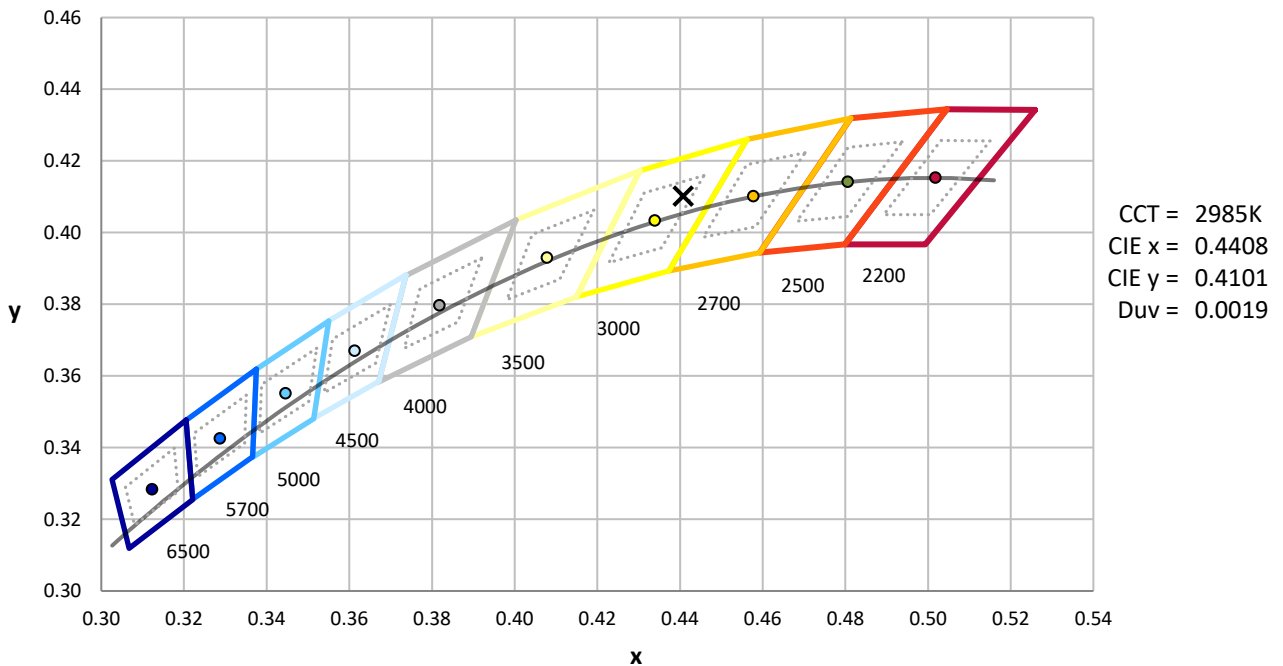
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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CIE 1931 Chromaticity Diagram



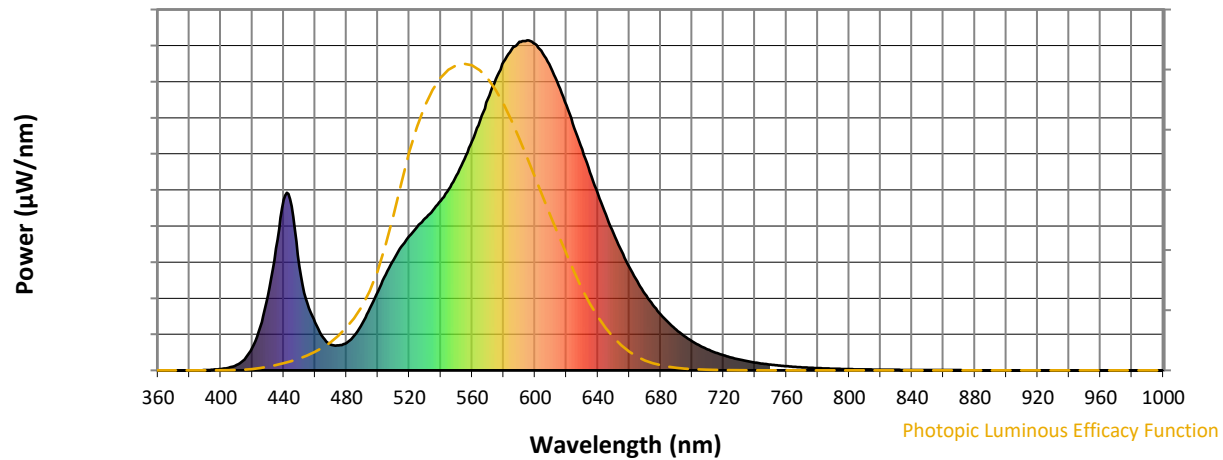
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

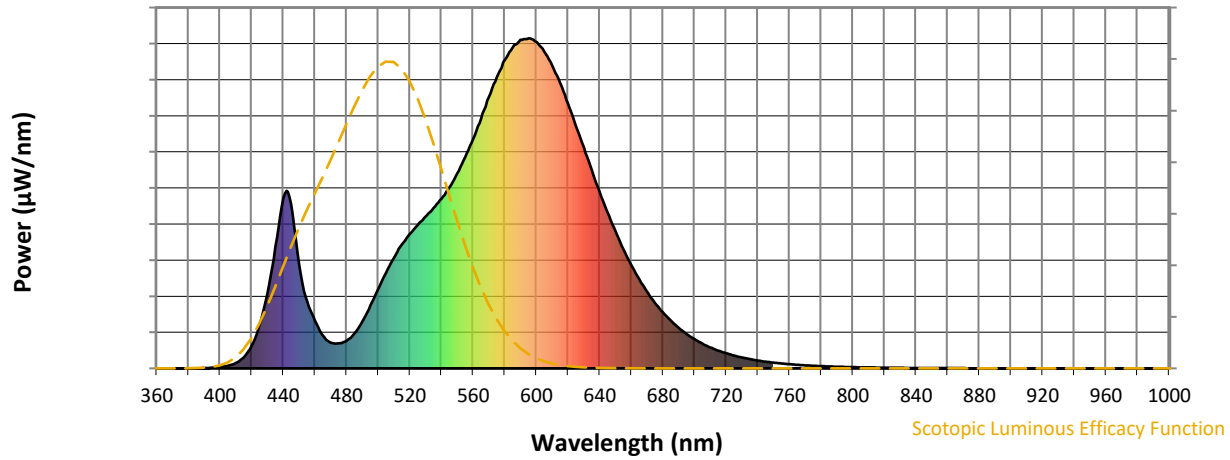


Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



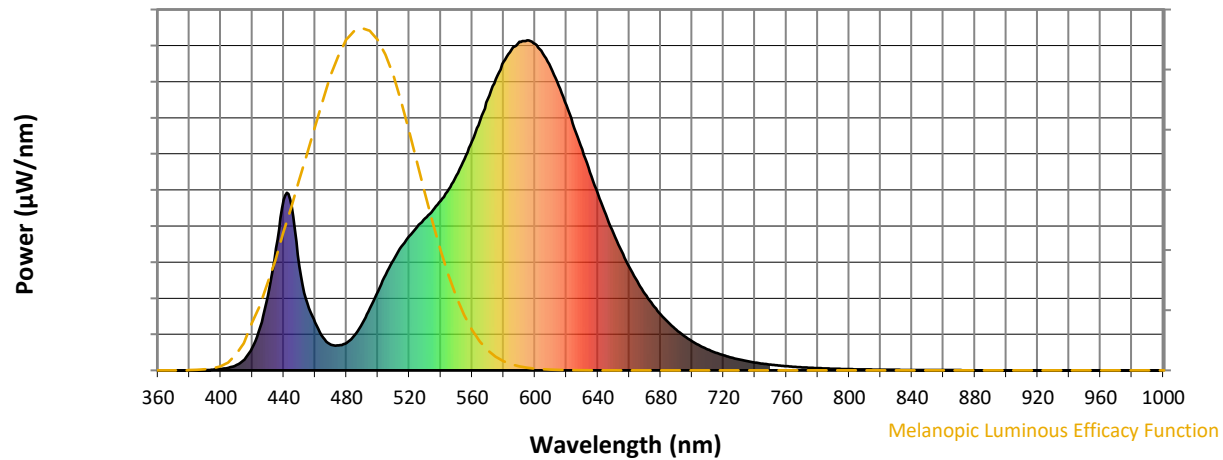
Scotopic Lumens: NR

S/P: 1.19

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

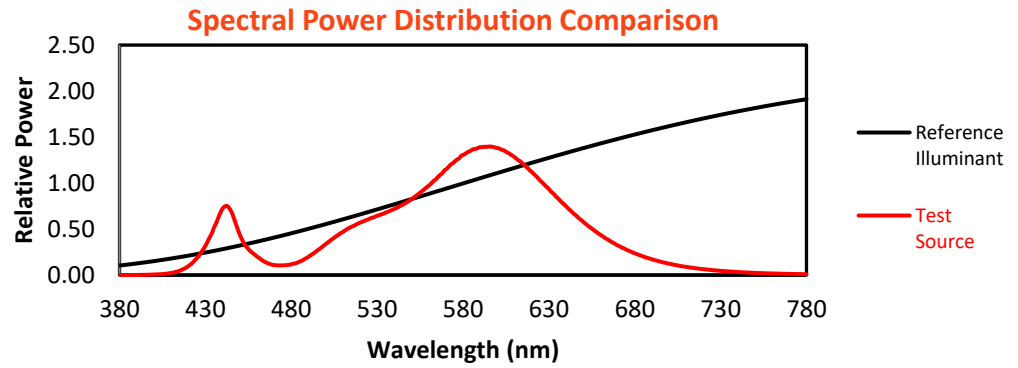
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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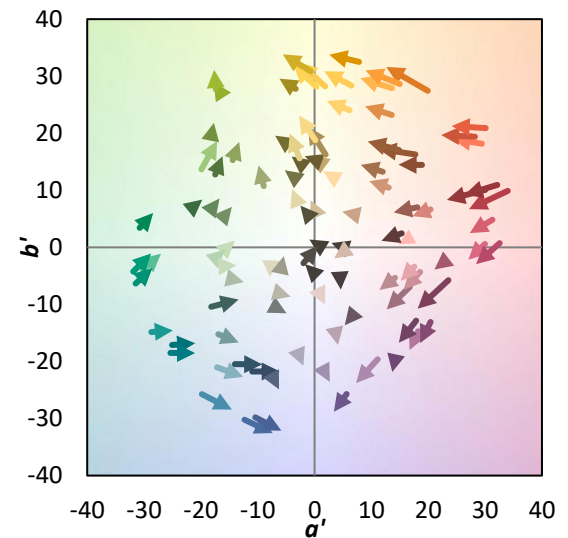
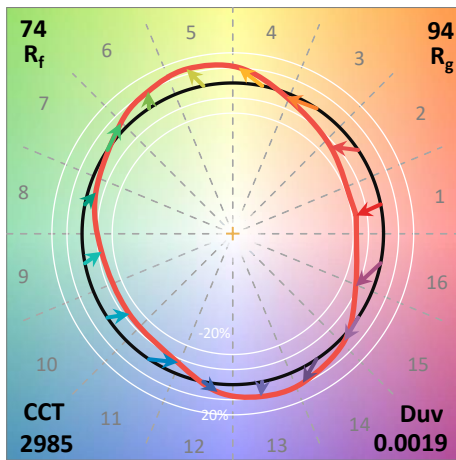
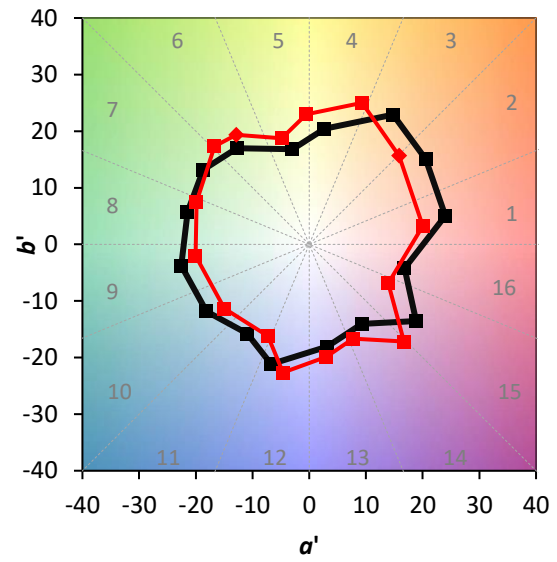
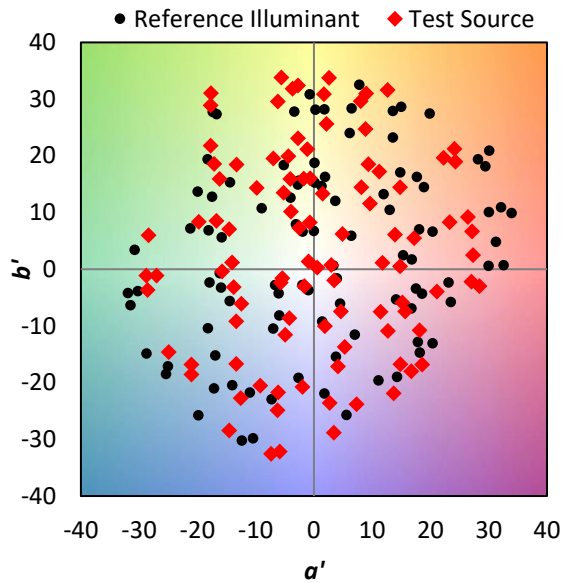
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE\ R_a = 70.8$
 $R_g = -43.2$

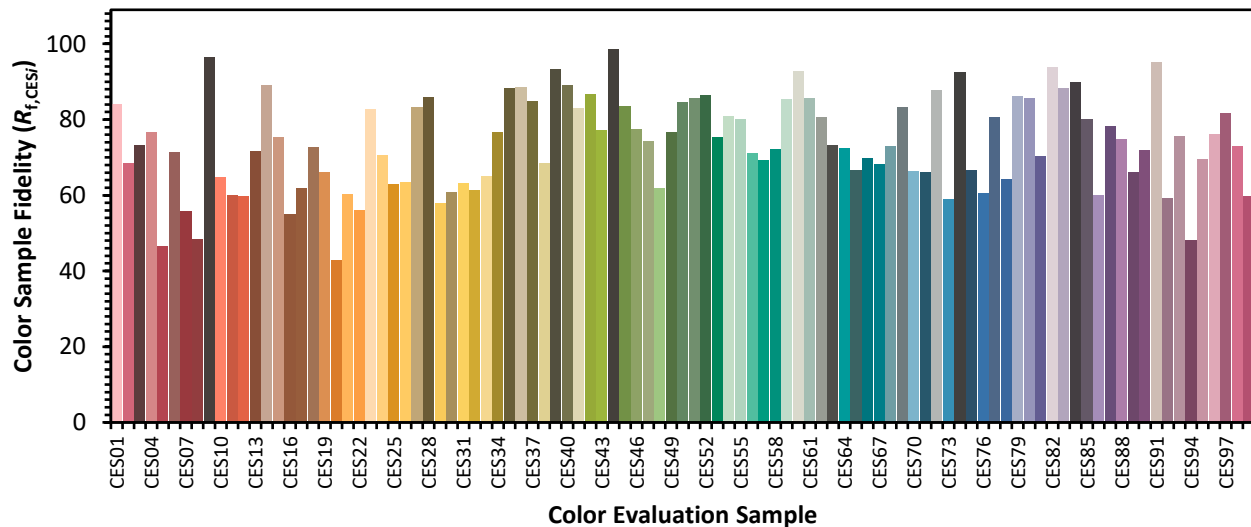


Color Vector Graphics

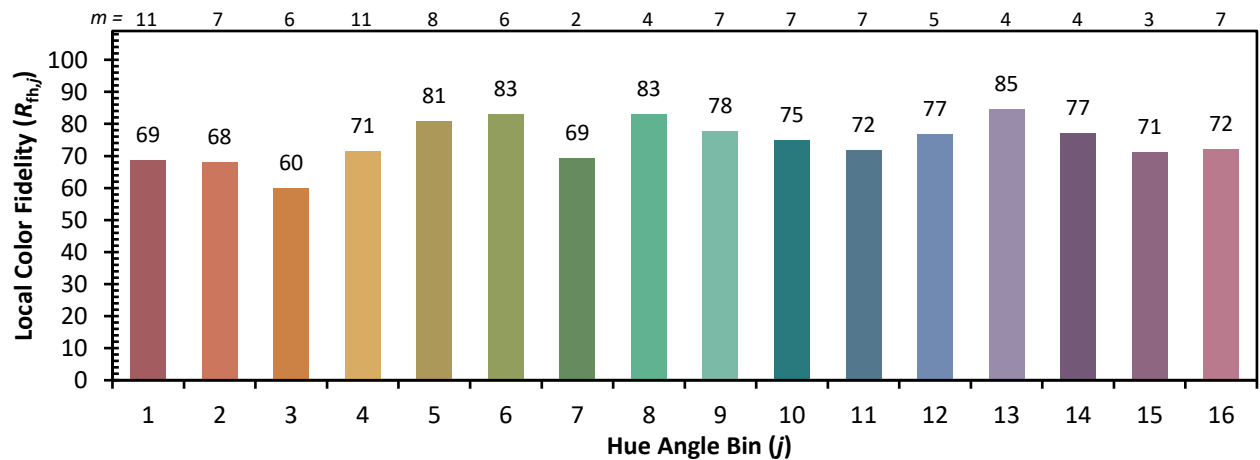
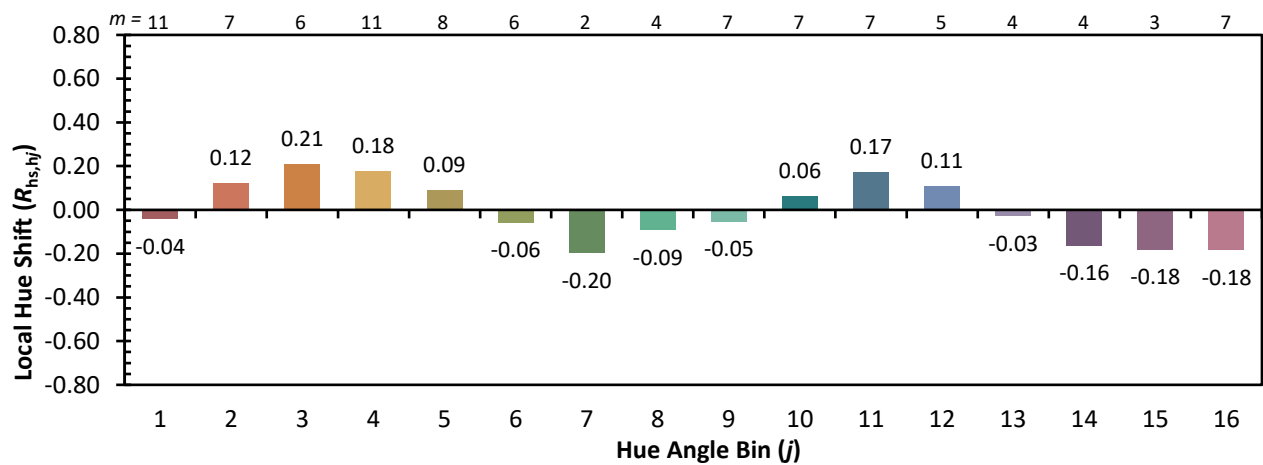
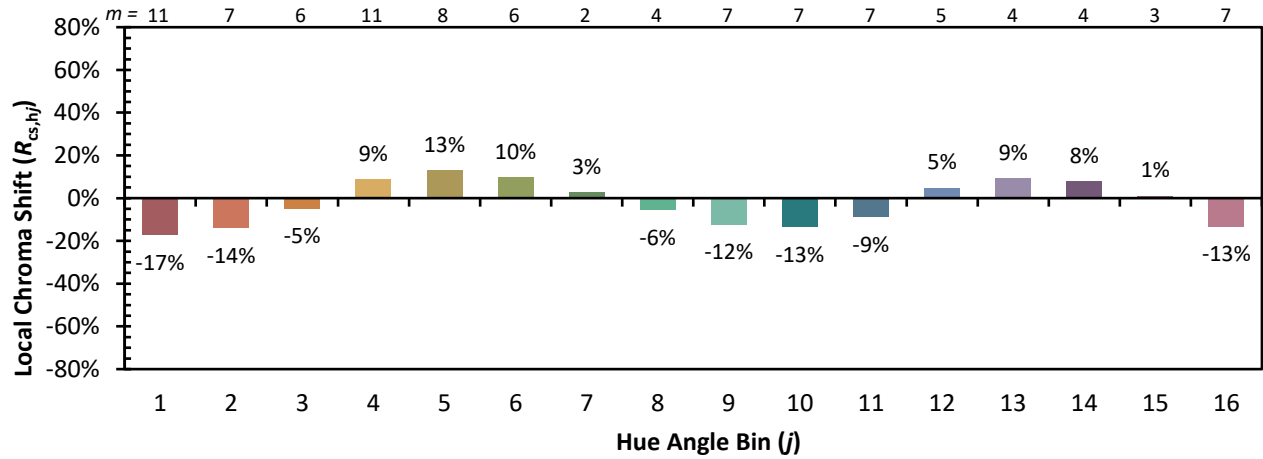


Individual Sample Fidelity Index ($R_{f,i}$)

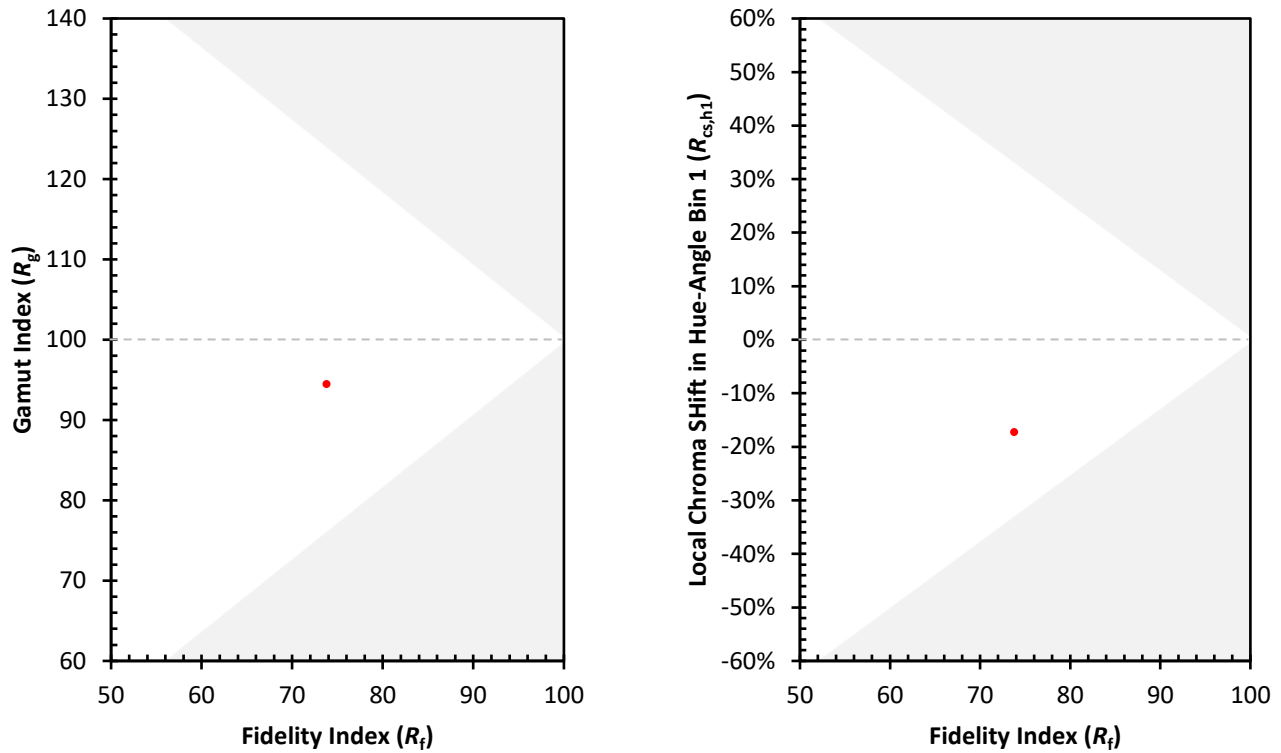
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)